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Applicants : Ralf M. Luche and Bo Wei
Application No. : 09/544,525
Filed : April 6, 2000
For : DSP-3 DUAL-SPECIFICITY PHOSPHATASE

Examiner : Rebecca E. Prouty
Art Unit : 1652
Docket No. : 200125.408
Date : October 9, 2002

Commissioner for Patents
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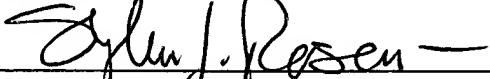
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REQUEST FOR SUBSTITUTION OF DRAWINGS

Commissioner for Patents:

Drawing substitutions for Figures 1, 2, and 3 are hereby submitted for approval by the Examiner. The substitute figures are identical to Figures 1-3 in provisional application No. 60/142,338 (filed July 2, 1999) (incorporated by reference in its entirety into the present application), and are supported by the text of provisional application No. 60/142,338 and the present specification (see, e.g., present specification at page 7, lines 15-24; page 12, lines 8-18; Example 1).

Respectfully submitted,
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Enclosures:

Postcard

3 Sheets of Figures (Substituted Figures 1, 2, and 3)

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DSP-3 DUAL-SPECIFICITY PHOSPHATASE

Inventor: Kalf M. Luche and Bo Wei Docket No. 2005.408
EXPRESS MAIL NO. EV 020662309US**DSP-3, encoded by 552 base pairs**

1 CCCCCGCCGT CCTCCTCCCT GTAACATGCC ATAGTGCGCC TGGGACCCACA CGGCCGGGGC
 61 GCTAGCGTTC GCCTTCAGCC ACCATGGGGAA ATGGGATGAA CAAGATCCTG CCCGGCCTGT
 121 ACATCGGCAA CTTCAAAGAT GCCAGAGACG CGGAACAATT GAGCAAGAAC AAGGTGACAC
 181 ATATTCTGTC TGTCCACGAT AGTGCAGGC CTATGTTGGA GGGAGTTAAA TACCTGTGCA
 241 TCCCCAGCAGC GGATTCAACCA TCTCAAAACC TGACAAGACA TTTCAAAGAA AGTATTAAAT
 301 TCATTACCGA GTGCGGGCTC CGCGGTGAGA GCTGCCTTGT ACAC TGCCCTG GCGGGGGTCT
 361 CCAGGAGCGT GACACTGGTG ATCGCATACA TCATGACCGT CACTGACTTT GGCTGGGAGG
 421 ATGCCCTGCA CACCGTGCCT GCTGGGAGAT CCTGTGCCAA CCCAACGTG GGCTTCCAGA
 481 GACAGCTCCA GGAGTTTGG AAGCATGAGG TCCATCAGTA TCGGCAGTGG CTGAAGGAAG
 541 AATATGGAGA GAGCCCTTG CAGGATGCAG AAGAACCCAA AAACATTCAG GCGGCTCCAG
 601 GAATTCTGAA GTTCTGGGCC TTCTCAGAA GACTGTAATG TACCTGAAGT TTCTGAAATA
 661 TTGCAAACCC GCAGAGTTTA GGCTGGTGCT GCCAAAAAGA AAAGCAACAT AGAGTTTAAG
 721 TATCCAGTAG TGATTGTAA ACTTGTAAAA CATTGAAAGC TGAATATATA CGTAGTCATG
 781 TTTATGTTGA GAACTAAGGA TATTCTTTAG CAAGAGAAAA TATTTCCCC TTATCCCCAC
 841 TGCTGTGGAG GTTCTGTAC CTCGCTTGGA TGCCTGTAAG GATCCCGGGAA GCCTTGCCGC
 901 ACTGCCTTGT GGGTGGCTTG GCGCTC

FIG. 1

DSP-3 DUAL-SPECIFICITY PHOSPHATASE
Inventors: **Li M. Luche and Bo Wei** Docket No. 200-408
EXPRESS MAIL NO. EV-020662309US

Translated full length protein, 184 amino acids

MGNGMNKILPGLYIGNFKDARDAEQLSKNKVTHILSVHDSARPMLEGVKYLCIPAADSPS
QLNLRHFKEISKFIHECRLRGESCLVHCLAGVRSVTLVIAYIMTVTDFGWEDALHTVRA
GRSCANPNVGFQRQLQEFEKHEVHQYRQWLKEEYGESPLQDAEEAKNILAAPGILKFWAF
LRRL*

FIG. 2

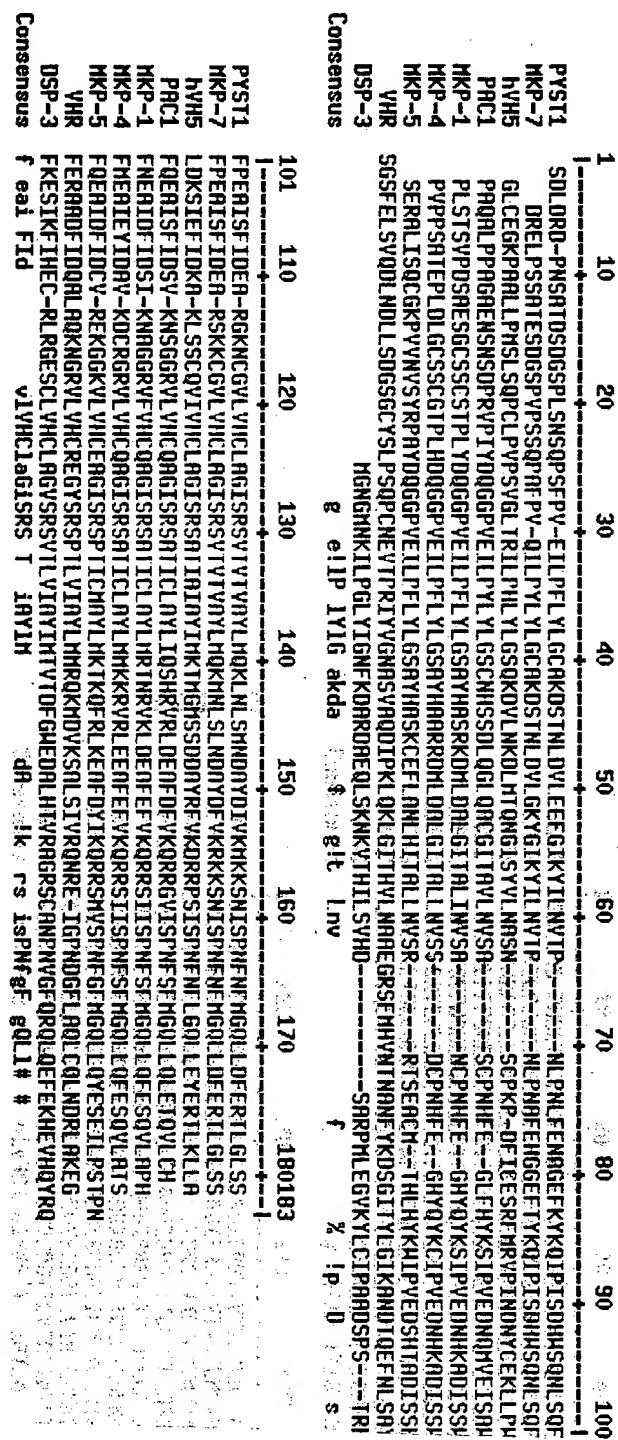


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DSP-3 DUAL-SPECIFICITY PHOSPHATASE

Inventors If M. Luche and Bo Wei Docket No. 200408
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FIG. 3



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